

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061119\
 Data File : VW010762.D
 Acq On : 11 Jun 2019 10:50
 Operator : SY/VA
 Sample : VSTD00514
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00514

Quant Time: Jun 11 12:00:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 11:56:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	393430	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	353615	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162029	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33519	7.72	ug/L	0.00
7) Chloroethane-d5	2.87	69	24687	7.47	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	67237	6.18	ug/L	0.00
20) 2-Butanone-d5	7.08	46	29605	14.04	ug/L	0.00
24) Chloroform-d	7.65	84	29322	2.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	36269	5.87	ug/L	0.00
29) Benzene-d6	8.27	84	116427	5.98	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	36448	5.93	ug/L	0.00
37) Toluene-d8	10.32	98	103209	6.03	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	15594	5.71	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	18652	12.15	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31517	5.44	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	32559	5.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	30939	5.942	ug/L 100
3) Chloromethane	2.21	50	33335	6.733	ug/L 98
5) Vinyl chloride	2.36	62	31918	5.826	ug/L 99
6) Bromomethane	2.76	94	13508	4.477	ug/L 100
8) Chloroethane	2.91	64	18455	6.151	ug/L 95
9) Trichlorofluoromethane	3.25	101	42409	15.219	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	26163	4.957	ug/L 99
12) 1,1-Dichloroethene	4.03	96	23553	4.425	ug/L 85
13) Acetone	4.13	43	22440	13.525	ug/L 99
14) Carbon disulfide	4.38	76	70874	4.644	ug/L 98
15) Methyl Acetate	4.68	43	21263	5.851	ug/L 99
16) Methylene chloride	4.92	84	26511	4.059	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	76924	10.921	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	26688	5.014	ug/L 94
19) 1,1-Dichloroethane	6.21	63	53407	5.110	ug/L 98
21) 2-Butanone	7.18	43	36460	14.404	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	29292	5.087	ug/L 98
23) Bromochloromethane	7.52	128	12228	4.635	ug/L 90
25) Chloroform	7.68	83	75479	7.303	ug/L 100
27) 1,2-Dichloroethane	8.40	62	39846	5.268	ug/L 100
30) Cyclohexane	7.96	56	55843	6.435	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	42131	5.781	ug/L 99
32) Carbon tetrachloride	8.07	117	36295	4.836	ug/L 99
34) Benzene	8.32	78	114103	5.333	ug/L 100
35) Trichloroethene	9.09	95	29249	5.292	ug/L 98
36) Methylcyclohexane	9.34	83	52838	5.696	ug/L 99
40) 1,2-Dichloropropane	9.37	63	30240	5.445	ug/L 99
41) Bromodichloromethane	9.65	83	34198	4.755	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	45496	5.438	ug/L 97
43) 4-Methyl-2-pentanone	10.21	43	62233	13.135	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.39	91	117092	5.257	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	37587	5.222	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	22101	5.226	ug/L	97
47) Tetrachloroethene	10.86	164	21363	5.020	ug/L	98
49) 2-Hexanone	10.97	43	45168	12.921	ug/L	98
50) Dibromochloromethane	11.13	129	22913	4.717	ug/L	98
51) 1,2-Dibromoethane	11.24	107	21521	5.213	ug/L	100
52) Chlorobenzene	11.66	112	71629	5.021	ug/L	99
53) Ethylbenzene	11.73	91	132306	5.321	ug/L	99
54) m,p-Xylene	11.84	106	47364	5.170	ug/L	96
55) o-xylene	12.16	106	45354	5.248	ug/L	98
56) Styrene	12.18	104	76834	5.098	ug/L	99
57) Isopropylbenzene	12.46	105	124518	5.317	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	29707	5.237	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	23675	5.481	ug/L	99
62) Bromoform	12.35	173	13302	4.884	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	52122	5.286	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	53444	5.074	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	48467	5.090	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	5436	5.468	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	38651	5.187	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	31370	5.201	ug/L	99
69) Naphthalene	15.37	128	67151	5.027	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	28534	4.943	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

